The ECHELON FLEX™ GST System

Evaluating mucosal capture

**Approach:** Preclinical animal study comparing compression damage, mucosal injury and mucosal “capture” on varying thicknesses of porcine gastrointestinal tissues. After firing an endocutter, a visual inspection of the mucosal surface was evaluated and the level of mucosal capture was rated via a 5-point Likert scale.

**What we learned:**

- Mucosa is **7 times more likely** to be fully captured in the staple line when using the ECHELON FLEX™ GST System vs. Endo GIA™ with Tri-Staple™ Technology

- GST Blue and Green reloads had overall better mucosal apposition than Endo GIA purple

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1 ECHELON FLEX™ GST System Blue and Green Reloads compared to Endo GIA™ with Tri-Staple™ Technology Purple Reloads evaluated via gross observations of firings in 1.5mm to 3.0mm thick animate porcine ileum. Mucosal capture was rated via a 5-point Likert scale with the highest rating representing fully captured mucosa.